

Maha Amer

React Native Developer | MERN Full Stack Developer

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PROFESSIONAL SUMMARY

React Native and MERN full-stack developer with 1.5+ years of experience delivering high-impact cross-platform applications for international teams. Specialized in tokenized payments, QR-code onboarding, and multilingual UX. Proven ability to reduce onboarding friction by 25% and accelerate feature delivery by 35%. Strong foundation in building secure REST APIs with Django/Node.js and deploying scalable UIs with React and Redux Toolkit. Currently pursuing an M.Sc. in AI with a focus on explainable transformer-based recommender systems.

EDUCATION

- Master of Science (MS), Computer Science**, Menoufia University August 2024 – August 2026
 - Bachelor of Science, Electrical and Computer Engineering**, Menoufia University September 2017 – May 2022
- GPA: 3.03/4.00
- Graduation Project: “Hardware and Software Design of an Arduino-Based 3D Printer” (GPA: 4.00)

SKILLS

- Frontend:** HTML5, CSS3, SASS, Bootstrap 5, Tailwind CSS, JavaScript (ES6+), TypeScript, React, Next.js, Redux, React Router, React Native, Material-UI, AJAX, jQuery, JavaScript Design Patterns, PWA, Webpack, Gulp, Jest
- Backend:** Node.js, Express.js, MongoDB, GraphQL, MySQL, REST APIs, Python, Flask, Django, Django REST Framework
- Cloud & DevOps:** AWS (EC2, S3, Lambda, IAM, VPC, CloudFormation, CloudFront, RDS, ELB, CloudWatch)
- Tools:** AutoCAD, Adobe Illustrator, Adobe XD, Figma, Git, GitHub, Bitbucket
- Languages:** Arabic (Native), English (B2 – Upper Intermediate CEFR)
- Documentation & Collaboration:** Technical writing, Jira, Confluence, Agile workflows

WORK EXPERIENCE

React Native Developer, RemoteCoders - Noury (AG), Switzerland (Remotely) May 2023 – July 2024

- Integrated 4+ payment gateways (Visa, MasterCard, TWINT, PayPal) using secure token APIs and Datatrans.
- Engineered multilingual support (i18n) for English and German; streamlined Sentry logging and actionable error toasts.
- Developed 15+ modular screens using React Navigation v6 and Redux Toolkit, reducing UI build time for new features by 35%.
- Implemented Firebase authentication and QR-code onboarding via react-native-camera-kit, reducing friction by 25% and increasing scan accuracy by 40%.

UI/UX Designer, RemoteCoders - Noury (AG), Switzerland (Remotely) May 2023 – July 2024

- Redesigned receipt UI to streamline digital transactions, reducing support requests and paper usage by 25%.
- Prototyped 15+ high-impact animated transitions, enhancing flow and accelerating task completion by 12%.

Python Developer, RemoteCoders - Noury (AG), Switzerland (Remotely) March 2023 – May 2023

- Developed and maintained 25+ Django REST APIs to ensure secure transactions and PCI-DSS compliance.
- Architected Firebase authentication for registration, login, and payments with 100% reliability across mobile sessions.

Full-Stack Web Development (MERN) Intern, Information Technology Institute, Egypt August 2022 – December 2022

- Trained 12+ team members in Agile practices including sprint planning and stakeholder demos.
- Led a 4-member team to deliver *Sumou Al Asalah*, chosen as the program’s flagship capstone project.
- Engineered a scalable React dashboard with hooks/context API, accelerating future development by 40%.
- Enforced ESLint/Prettier rules and streamlined frontend architecture documentation, reducing peer review cycle by 30%.

PROJECTS

Optimized Scheduling System

- Led full-stack automation for daily task assignment across 1,000+ records, reducing scheduling time by 60%. Designed backend logic using Mealpy and implemented frontend integration for real-time updates.

[Sumou Al Asalah Website](#)

- Drove the creation of a scalable bilingual real estate platform, resulting in 500+ new daily active users.